



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

KANTSCHUK, Amir et

Examiner:

LUGO, David B.

Serial No.:

09/721,759

al.

Group Art Unit:

2637

Filed:

November 27, 2000

Title:

MODEM WAKE-UP IN SUPPORT OF CROSS-TALK CANCELLATION IN A

MODEM POOL ENVIRONMENT

Mail Stop Amendment Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §§1.56, 1.97 and 1.98, this Information Disclosure Statement includes Form PTO-1449:

1.	listing documents including patents, publications and other information for consideration
	by the Examiner, however, since the subject application was filed after June 30, 2003,
	copies of United States patents, and/or United States patent applications, and/or United
	States patent application publications are not included in this information disclosure
	statement; and/or
2. 🔲	listing documents including patents, publications and other information that have been
	previously cited or submitted to the Patent Office in prior application U.S. Serial No.
	, filed which is properly identified and relied on for an earlier effective
	filing date under 35 U.S.C. 120 for consideration by the Examiner; however, in accordance
	with 37 C.F.R. 1.98(d), copies of such documents are not included in this information
	disclosure statement; and/or
3. 🛛	listing documents including patents, publications, and other information for consideration
	by the Examiner, copies of which are included with this information disclosure statement;

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4. Issting other information for the Examiner's consideration which was cited in a communication from a foreign patent office in a counterpart foreign application, a copy of which is included with this information disclosure statement.

The information herein cited is only in fulfillment of Applicant(s) duty of candor in disclosing all information brought to Applicant(s) attention. This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art". If it should be determined that any of the listed documents do not constitute "prior art" under United States law, Applicant(s) reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicant(s) further reserve(s) the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

In accordance with MPEP Sections 609 and 707.05(b), it is requested that each and every document cited (including any cited in applicant's specification which is not repeated on the attached Form PTO-1449) be given thorough consideration and that it be cited of record in the prosecution history of the present application by initialing on Form PTO-1449. Such initialing is requested even if the Examiner does not consider it to be prior art for any reason, or even if the Examiner does not believe that the guidelines for citation have been fully complied with. This is requested so that each document becomes listed on the face of the patent issuing on the present application and is evidence that the Examiner has considered the document.

This Information Disclosure Statement is being filed:

I) Within three (3) months of filing the subject Application or entry of the							
subject Application into the national stage or before mailing of the first Office Action on							
the merits of the subject Application or a request for continued examination thereof,							
whichever event occurs last pursuant to of 37 C.F.R §1.97 (b); or							
II) After the period specified in (I) but before the mailing date of either a final							
Official Action under 37 C.F.R §1.113 or a notice of allowance under 37 C.F.R §1.311							
whichever occurs first and;							
1. the undersigned hereby states that each item of information listed on							
the Form PTO-1449 was either (i) cited in a communication from a foreign patent							
office in a counterpart foreign application not more than three (3) months prior to							

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05-0649.

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the filing of this Information Disclosure Statement or (ii) not cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, not known to any individual designated in §1.56(c) more than three (3) months prior to the filing of this information disclosure statement; or

	know	to any individual designated in §1.56(c) more than three (3) months prior to							
	the filing of this information disclosure statement; or								
	2.	the undersigned hereby authorizes the Patent Office to charge the fee							
	in the	amount of \$180.00 under 37 C.F.R §1.17 (p) to Deposit Account 05-0649.							
III)		After the period in (I) and (II) but before the payment of the issue fee and,							
	1.	The undersigned hereby states:							
		a) that each item of information cited on the form PTO-1449							
		was cited in a communication from a foreign Patent Office in a counterpart							
		foreign application not more than three (3) months prior to the filing of this							
		Information Disclosure Statement; or							
		b)							
		was cited in a communication from a foreign patent office in a counterpart							
		foreign application, and to the knowledge of the undersigned after making							
reasonable inquiry, no item of information contained in this Ir									
		Disclosure Statement was known to any individual designated in 37 C.F.R. §							
		1.56(c) more than three months prior to the filing of this Information							
		Disclosure Statement; and							
	2.	The undersigned hereby authorizes the Patent Office to charge the							
	Petitio	n fee in the Amount of \$180.00 under 37 C.F.R §1.17 (p) to Deposit Account							

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Except for issue fees payable under 37 C.F.R. §1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 C.F.R. §§1.16 and 1.17 which may be required, including any required extension of time fees, or credit any overpayment to Deposit Account No. 05-0649.

Respectfully submitted,

Attorney for Applicants Registration No. 52,388

Dated: December 29, 2004

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STATEMENT BY APPLICANT **First Named Inventor** KANTSCHUK, Ami 2637 Group Art Unit LUGO, David B. (use as many sheets as necessary) **Examiner Name** P-3708-US Attorney Docket Number .of Sheet חבר

U.S. PATENT DOCUMENTS							
	Cite, No. 1	U.S. Pater	nt Document	Name of Patentee or Applicant of Cited Document	Date of Publication of	Pages, Columns Lines, Where Relevent Passages or Relevent Figures Appear	
Examiner Initials*		Number	Kind Code ^z (if known)		Cited Document MM-DD-YYYY	Passages or F Figures Ap	pear n
	А	6,633,894		Cole	October 14, 2003		
	В	6,160,790		Bremer	December 12, 2000		
	С	5,970,088		Chen	October 19, 1999		
	D	5,825,753		Betts et al.	October 20, 1998		
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FOREIGN PATENT DOCUMENTS								
Examiner Initials*		Foreig	gnPatent Do	cument	Name of Patentee or Applicant of Cited Document	Date of Publication of	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	Cite No.1	Office ³	Number ⁴ (if	nd Code ^s <i>known)</i>		Cited Document MM-DD-YYYY		T⁵
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Examiner	Date	
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609 Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document ³ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible ⁶ Applicant is to place a check mark here if English language Translation is attached